Title (en)

WEARABLE BEHAVIOR-BASED VISION SYSTEM

Title (de)

TRAGBARES VERHALTENSBASIERTES SICHTSYSTEM

Title (fr)

SYSTÈME DE VISION FONDÉ SUR LE COMPORTEMENT POUVANT ÊTRE PORTÉ

Publication

EP 2943857 A1 20151118 (EN)

Application

EP 14704196 A 20140111

Priority

- US 201313740165 A 20130112
- US 2014011183 W 20140111

Abstract (en)

[origin: US2014198017A1] A see through display apparatus includes a see-through, head mounted display and sensors on the display which detect audible and visual data in a field of view of the apparatus. A processor cooperates with the display to provide information to a wearer of the device using a behavior-based real object mapping system. At least a global zone and an egocentric behavioral zone relative to the apparatus are established, and real objects assigned behaviors that are mapped to the respective zones occupied by the object. The behaviors assigned to the objects can be used by applications that provide services to the wearer, using the behaviors as the foundation for evaluation of the type of feedback to provide in the apparatus.

IPC 8 full level

G06F 3/01 (2006.01); **G01C 23/00** (2006.01); **G02B 27/01** (2006.01)

CPC (source: EP US)

G01C 21/206 (2013.01 - EP US); **G02B 27/0093** (2013.01 - EP US); **G02B 27/017** (2013.01 - EP US); **G06F 3/012** (2013.01 - EP US); G02B 2027/0138 (2013.01 - EP US); G02B 2027/014 (2013.01 - EP US); G02B 2027/0178 (2013.01 - EP US)

Citation (search report)

See references of WO 2014110469A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2014198017 A1 20140717; **US 9395543 B2 20160719**; CN 104919398 A 20150916; CN 104919398 B 20171017; EP 2943857 A1 20151118; JP 2016512626 A 20160428; KR 20150123226 A 20151103; TW 201435654 A 20140916; TW I597623 B 20170901; WO 2014110469 A1 20140717

DOCDB simple family (application)

US 201313740165 A 20130112; CN 201480004704 A 20140111; EP 14704196 A 20140111; JP 2015552845 A 20140111; KR 20157018643 A 20140111; TW 102147793 A 20131223; US 2014011183 W 20140111